

CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN



Serving the People of California

July 1992

JUNE 1992

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

At 439,800, statewide agricultural employment in June was 9,200 (two percent) above the May level (Table 1-A). Compared to June 1991, this was an eight percent increase. The Desert Region accounted for most of this increase, primarily in Grapes; small increases also occurred in the Central Coast, Sacramento Valley and North Coast regions. Employment declined by 7,000 in the South Coast Region and 3,500 in the San Joaquin Valley Region, both caused by reductions in Grapes.

Wage and Salary Workers in Agricultural Establishments

For June 1992
(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	439.8	195.5	70.6	72.1	53.2	34.1	13.0
Total Crops	250.1	94.2	51.7	46.5	22.5	22.6	9.7
Total Livestock	26.1	14.0	2.2	1.1	5.0	2.4	1.9
Total Services	163.6	87.3	16.7	24.5	25.7	9.1	1.4

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Statewide employment increased by 33,400 from the level of 406,400 in June 1991. Activities with the larger increases were Farm Labor Contracting, Grapes, Berries, and Deciduous Fruits. In Addition, there was a significant increase in Citrus, as this industry recovered from the effects of the December 1990 freeze and approached its former level of employment. The San Joaquin Valley, Desert and Central Coast regions accounted for most of the year-over employment gains. (Tables 1-A through 7-A.)

Average hourly earnings, statewide, increased by 15 cents to \$6.40 in June 1992. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during June were:

- Desert: Tomatoes and grapes (Harvest).
- South Coast: Horticulture, lemons, tomatoes, strawberries and oranges (harvest), miscellaneous vegetables (plant, cultivate and harvest).
- Central Coast: Asparagus, cauliflower, strawberries and broccoli (harvest), miscellaneous vegetables (preharvest and harvest), horticulture (plant, cultivate and harvest).
- San Joaquin Valley: Valencia oranges, plums, nectarines, apricots, freestone peaches, garlic, onions, market tomatoes, chili peppers, miscellaneous vegetables and alfalfa hay (harvest), miscellaneous vegetables (plant and cultivate), seed crops and vineyards (preharvest) and cotton (weed, chop/hoe), orchards and vineyards (thin).

AGRICULTURAL PRODUCTION WORKERS

Production worker employment increased in June to a statewide total of 411,200, a slight increase of 8,300 from May. (Table 1-B.)

Statewide, average weekly earnings for agricultural production workers were \$261.76 and ranged from \$229.50 in the Desert Region to \$323.28 in the North Coast Region. (Tables 1-C through 7-C.)

The average hours worked by agricultural production workers were 40.9 statewide, and varied from 33.9 hours in the Desert Region to 49.4 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For June 1992

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.40	5.81	6.76	7.76	6.77	5.85	7.20
Total Crops	6.38	5.87	6.50	7.55	6.65	5.88	7.24
Total Livestock	7.12	7.09	7.89	7.40	8.09	7.29	6.51
Total Services	6.29	5.53	7.40	8.22	6.48	5.39	7.86

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

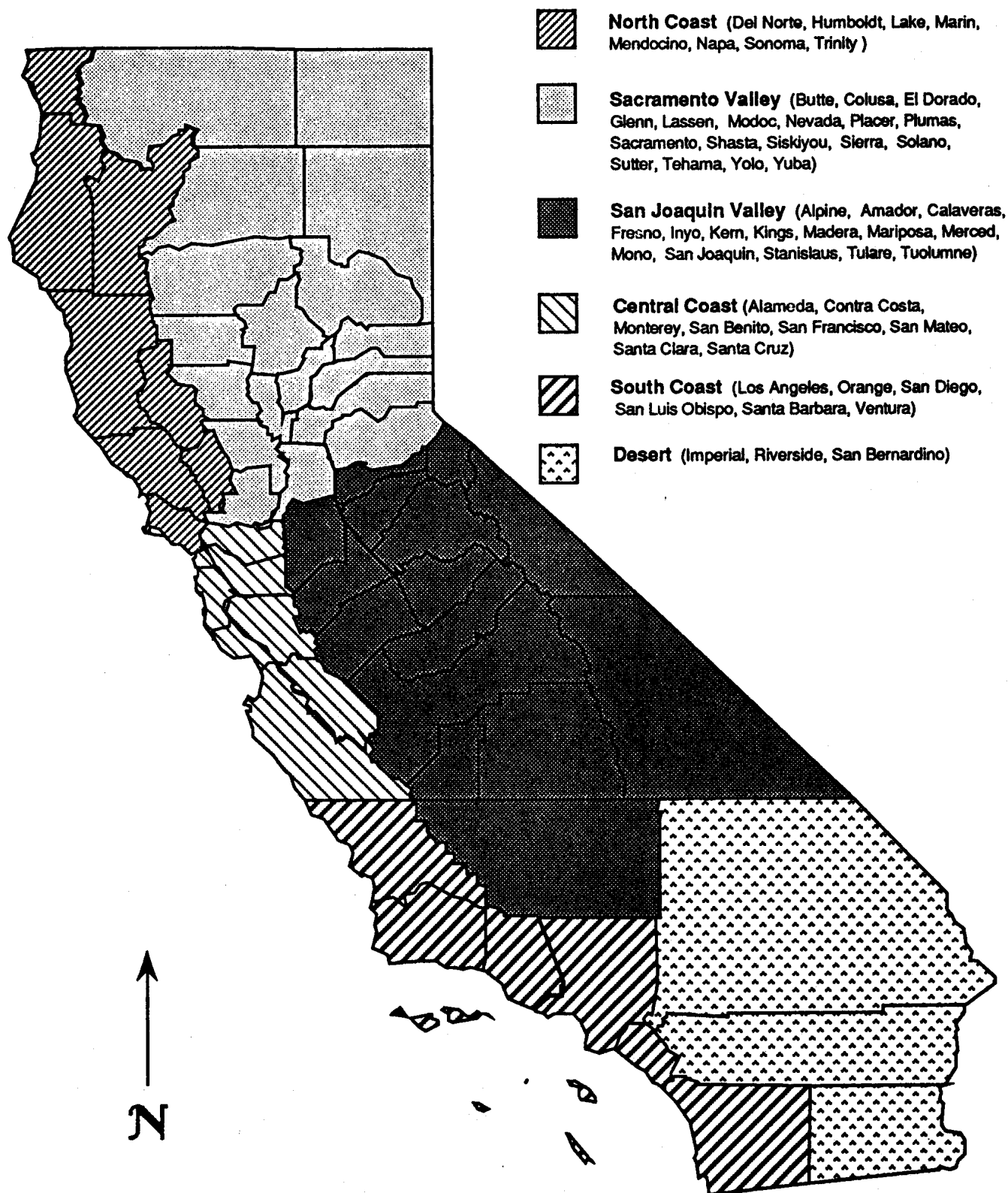
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

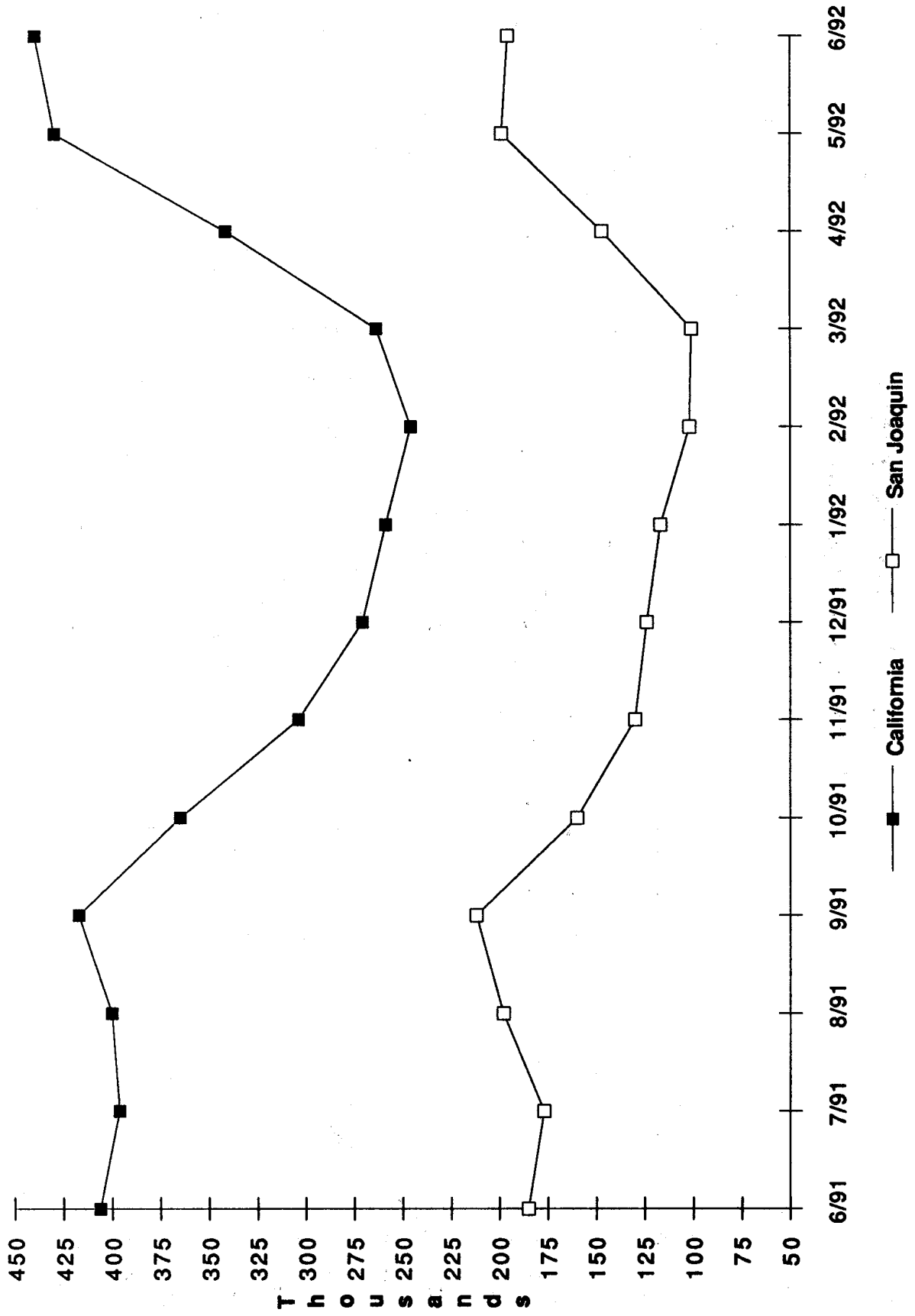
If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 424-7310. (ATSS 8-466-4961).

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



TOTAL WAGE & SALARY EMPLOYMENT

California and San Joaquin



TOTAL WAGE & SALARY EMPLOYMENT

All Regions except San Joaquin

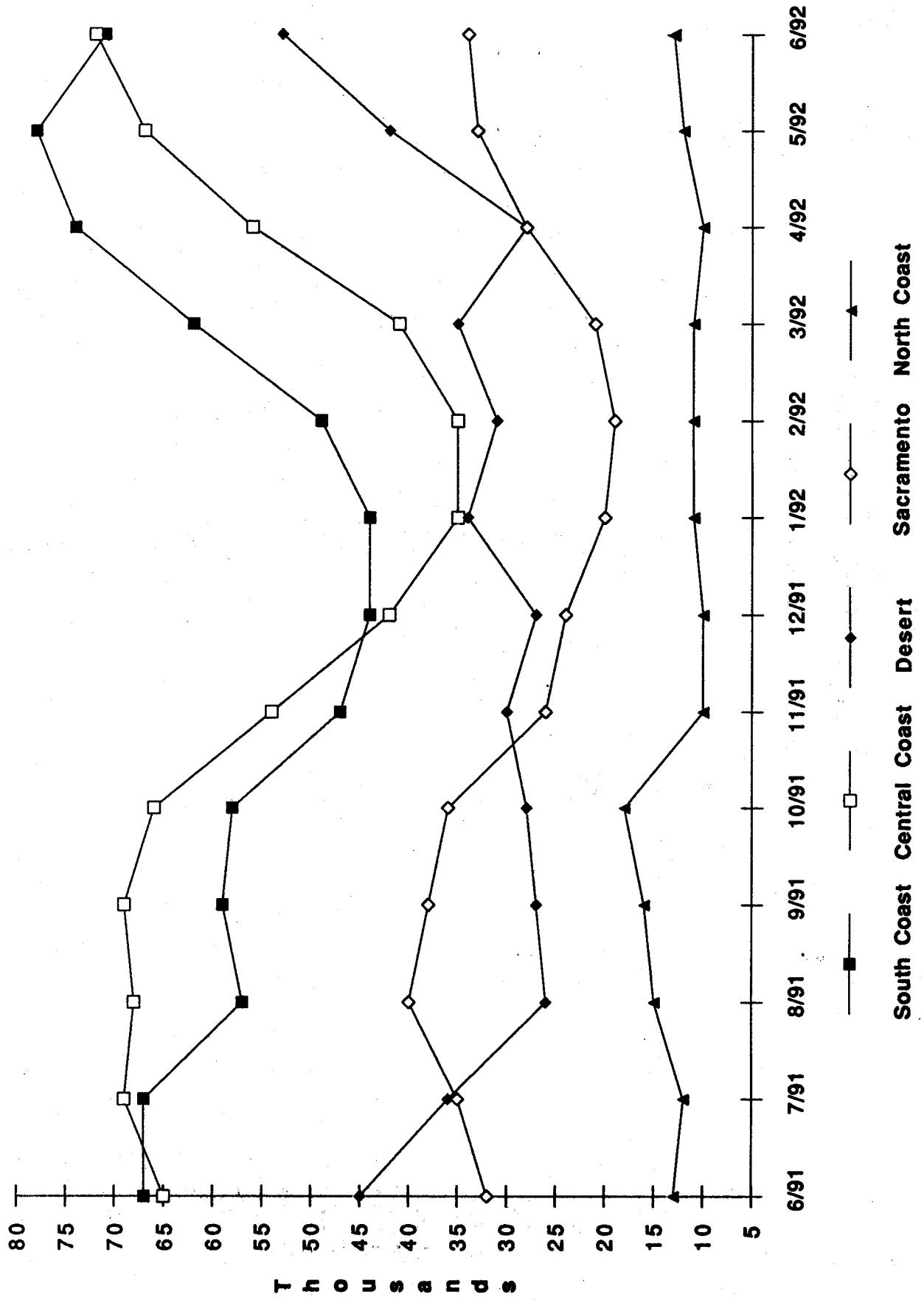


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	439.8	430.6	406.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	250.1	246.6	225.6
CASH GRAINS	3.3	3.9	3.2
RICE	1.5	1.9	1.5
OTHER CASH GRAINS	1.8	2.0	1.7
FIELD CROPS EXCEPT CASH GRAINS	14.0	13.3	14.9
COTTON	7.7	7.1	8.2
OTHER FIELD CROPS	6.3	6.2	6.7
VEGETABLES AND MELONS	36.7	36.4	35.0
TOTAL FRUITS AND TREE NUTS	123.1	120.0	102.5
BERRIES	32.0	36.9	26.8
GRAPES	40.2	36.4	34.4
TREE NUTS	6.4	6.9	6.3
CITRUS FRUITS	7.0	7.1	4.9
DECIDUOUS TREE FRUIT	22.7	20.9	18.3
OTHER FRUITS AND NUTS	14.8	11.8	11.8
TOTAL HORTICULTURAL SPECIALTIES	33.2	34.2	33.4
ORNAMENTAL FLORAL & NURSERY	29.6	30.7	29.9
FOOD CROPS GROWN UNDER COVER	3.6	3.5	3.5
GENERAL FARM PRIMARILY CROP	39.8	38.8	36.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.1	26.1	27.3
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.8	3.8	4.2
DAIRY FARMS	13.1	13.1	13.0
CHICKEN EGGS	2.8	2.9	3.1
TURKEYS & TURKEY EGGS	1.0	1.0	1.3
OTHER LIVESTOCK	4.7	4.6	4.9
TOTAL AGRICULTURAL SERVICES	163.6	157.9	153.5
SOIL PREPARATION SERVICES	1.1	1.1	1.0
CROP SERVICES	55.1	52.8	53.4
PLANT CULTIVATE & PROTECTION	5.9	7.0	6.2
HARVEST PRIMARILY BY MACHINE	12.9	10.6	10.3
PREPARATION SVCS FOR MARKET	35.5	34.5	36.1
COTTON GINNING	0.8	0.7	0.8
TOTAL FARM LABOR & MANAGEMENT	107.4	104.0	99.1
FARM LABOR CONTRACTORS	98.0	95.4	89.0
FARM MANAGEMENT SERVICES	9.4	8.6	10.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	411.2	402.9	377.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	231.6	228.8	208.1
CASH GRAINS	2.9	3.4	2.8
RICE	1.2	1.6	1.3
OTHER CASH GRAINS	1.7	1.8	1.5
FIELD CROPS EXCEPT CASH GRAINS	12.9	12.2	13.7
COTTON	7.2	6.6	7.7
OTHER FIELD CROPS	5.7	5.6	6.0
VEGETABLES AND MELONS	33.8	33.7	32.7
TOTAL FRUITS AND TREE NUTS	116.9	114.4	97.5
BERRIES	31.3	36.2	26.3
GRAPES	38.0	34.4	32.7
TREE NUTS	5.6	6.2	5.7
CITRUS FRUITS	6.4	6.5	4.4
DECIDUOUS TREE FRUIT	21.4	19.9	17.0
OTHER FRUITS AND NUTS	14.2	11.2	11.4
TOTAL HORTICULTURAL SPECIALTIES	27.7	28.5	27.7
ORNAMENTAL FLORAL & NURSERY	24.6	25.5	24.7
FOOD CROPS GROWN UNDER COVER	3.1	3.0	3.0
GENERAL FARM PRIMARILY CROP	37.4	36.6	33.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.6	22.4	23.5
BEEF CATTLE FEED LOTS	0.6	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.1	3.1	3.4
DAIRY FARMS	12.2	12.2	12.2
CHICKEN EGGS	1.9	2.0	2.3
TURKEYS & TURKEY EGGS	0.8	0.7	0.9
OTHER LIVESTOCK	4.0	3.9	4.1
TOTAL AGRICULTURAL SERVICES	157.0	151.7	145.5
SOIL PREPARATION SERVICES	0.8	0.8	0.7
CROP SERVICES	50.4	48.7	48.0
PLANT CULTIVATE & PROTECTION	4.8	6.2	5.3
HARVEST PRIMARILY BY MACHINE	12.4	10.1	9.7
PREPARATION SVCS FOR MARKET	32.7	31.9	32.5
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	105.8	102.2	96.8
FARM LABOR CONTRACTORS	97.2	94.4	87.9
FARM MANAGEMENT SERVICES	8.6	7.8	8.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	261.76	270.92	266.25
TOTAL AGRICULTURAL PRODUCTION/CROPS	268.60	272.59	272.50
CASH GRAINS	318.52	327.19	336.18
RICE	313.83	363.32	339.35
OTHER CASH GRAINS	322.71	295.55	333.50
FIELD CROPS EXCEPT CASH GRAINS	299.08	285.96	314.24
COTTON	315.03	297.42	320.64
OTHER FIELD CROPS	278.62	271.65	306.13
VEGETABLES AND MELONS	314.75	315.58	319.18
TOTAL FRUITS AND TREE NUTS	244.44	246.64	237.29
BERRIES	207.84	205.63	240.48
GRAPES	259.38	263.34	245.83
TREE NUTS	271.78	280.59	255.00
CITRUS FRUITS	303.53	309.17	276.50
DECIDUOUS TREE FRUIT	244.08	266.70	209.61
OTHER FRUITS AND NUTS	246.43	238.00	226.94
TOTAL HORTICULTURAL SPECIALTIES	308.45	320.17	298.22
ORNAMENTAL FLORAL & NURSERY	304.46	315.98	295.22
FOOD CROPS GROWN UNDER COVER	339.82	355.46	328.82
GENERAL FARM PRIMARILY CROP	259.84	267.54	283.53
TOTAL AGRIC PRODUCTION/LIVESTOCK	346.74	339.77	358.34
BEEF CATTLE FEED LOTS	390.52	365.29	373.80
BEEF CATTLE EXCEPT FEED LOTS	343.55	353.61	334.82
DAIRY FARMS	362.69	351.20	389.51
CHICKEN EGGS	307.56	305.58	283.34
TURKEYS & TURKEY EGGS	320.94	334.09	319.13
OTHER LIVESTOCK	313.91	307.68	331.68
TOTAL AGRICULTURAL SERVICES	238.39	258.34	241.79
SOIL PREPARATION SERVICES	566.57	577.61	526.49
CROP SERVICES	279.05	279.05	267.30
PLANT CULTIVATE & PROTECTION	325.49	333.19	313.96
HARVEST PRIMARILY BY MACHINE	253.72	269.84	269.39
PREPARATION SVCS FOR MARKET	281.59	271.66	258.62
COTTON GINNING	310.67	287.20	298.45
TOTAL FARM LABOR & MANAGEMENT	215.85	245.61	226.63
FARM LABOR CONTRACTORS	208.85	240.95	221.03
FARM MANAGEMENT SERVICES	303.51	301.73	284.76

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	40.9	42.8	42.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.1	43.2	43.6
CASH GRAINS	50.8	49.8	56.5
RICE	49.5	54.8	55.0
OTHER CASH GRAINS	51.8	45.4	57.9
FIELD CROPS EXCEPT CASH GRAINS	47.7	45.9	49.1
COTTON	49.3	46.4	48.0
OTHER FIELD CROPS	45.6	45.2	50.6
VEGETABLES AND MELONS	44.9	44.7	46.8
TOTAL FRUITS AND TREE NUTS	38.8	40.7	38.9
BERRIES	30.7	32.9	36.0
GRAPES	39.6	42.0	40.3
TREE NUTS	44.7	47.0	42.5
CITRUS FRUITS	43.3	43.0	39.5
DECIDUOUS TREE FRUIT	45.2	50.8	39.4
OTHER FRUITS AND NUTS	40.2	39.6	39.4
TOTAL HORTICULTURAL SPECIALTIES	45.9	46.2	45.6
ORNAMENTAL FLORAL & NURSERY	46.2	46.4	46.2
FOOD CROPS GROWN UNDER COVER	43.4	44.6	41.0
GENERAL FARM PRIMARILY CROP	44.8	45.5	48.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.7	48.4	50.4
BEEF CATTLE FEED LOTS	58.2	55.6	53.4
BEEF CATTLE EXCEPT FEED LOTS	48.8	51.1	47.9
DAIRY FARMS	51.3	50.1	53.8
CHICKEN EGGS	44.0	46.3	45.7
TURKEYS & TURKEY EGGS	52.7	54.5	53.1
OTHER LIVESTOCK	40.4	39.7	43.7
TOTAL AGRICULTURAL SERVICES	37.9	41.4	39.9
SOIL PREPARATION SERVICES	56.6	58.7	54.9
CROP SERVICES	40.5	40.5	39.6
PLANT CULTIVATE & PROTECTION	46.3	46.6	45.9
HARVEST PRIMARILY BY MACHINE	38.5	39.8	39.5
PREPARATION SVCS FOR MARKET	40.4	39.6	38.6
COTTON GINNING	41.7	36.4	36.8
TOTAL FARM LABOR & MANAGEMENT	36.4	41.7	39.9
FARM LABOR CONTRACTORS	35.7	41.4	39.4
FARM MANAGEMENT SERVICES	45.3	44.7	45.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	6.40	6.33	6.25
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.38	6.31	6.25
CASH GRAINS	6.27	6.57	5.95
RICE	6.34	6.63	6.17
OTHER CASH GRAINS	6.23	6.51	5.76
FIELD CROPS EXCEPT CASH GRAINS	6.27	6.23	6.40
COTTON	6.39	6.41	6.68
OTHER FIELD CROPS	6.11	6.01	6.05
VEGETABLES AND MELONS	7.01	7.06	6.82
TOTAL FRUITS AND TREE NUTS	6.30	6.06	6.10
BERRIES	6.77	6.25	6.68
GRAPES	6.55	6.27	6.10
TREE NUTS	6.08	5.97	6.00
CITRUS FRUITS	7.01	7.19	7.00
DECIDUOUS TREE FRUIT	5.40	5.25	5.32
OTHER FRUITS AND NUTS	6.13	6.01	5.76
TOTAL HORTICULTURAL SPECIALTIES	6.72	6.93	6.54
ORNAMENTAL FLORAL & NURSERY	6.59	6.81	6.39
FOOD CROPS GROWN UNDER COVER	7.83	7.97	8.02
GENERAL FARM PRIMARILY CROP	5.80	5.88	5.81
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.12	7.02	7.11
BEEF CATTLE FEED LOTS	6.71	6.57	7.00
BEEF CATTLE EXCEPT FEED LOTS	7.04	6.92	6.99
DAIRY FARMS	7.07	7.01	7.24
CHICKEN EGGS	6.99	6.60	6.20
TURKEYS & TURKEY EGGS	6.09	6.13	6.01
OTHER LIVESTOCK	7.77	7.75	7.59
TOTAL AGRICULTURAL SERVICES	6.29	6.24	6.06
SOIL PREPARATION SERVICES	10.01	9.84	9.59
CROP SERVICES	6.89	6.89	6.75
PLANT CULTIVATE & PROTECTION	7.03	7.15	6.84
HARVEST PRIMARILY BY MACHINE	6.59	6.78	6.82
PREPARATION SVCS FOR MARKET	6.97	6.86	6.70
COTTON GINNING	7.45	7.89	8.11
TOTAL FARM LABOR & MANAGEMENT	5.93	5.89	5.68
FARM LABOR CONTRACTORS	5.85	5.82	5.61
FARM MANAGEMENT SERVICES	6.70	6.75	6.30

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	195.5	199.0	185.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	94.2	97.2	86.9
TOTAL FIELD CROPS	12.7	11.9	12.1
COTTON	7.7	7.0	7.7
OTHER FIELD CROPS	5.0	4.9	4.4
VEGETABLES AND MELONS	5.3	5.5	6.5
TOTAL FRUITS AND TREE NUTS	50.9	53.6	44.6
GRAPES	21.2	24.8	19.1
TREE NUTS	4.1	4.5	4.1
CITRUS FRUITS	4.2	4.3	2.2
DECIDUOUS TREE FRUIT	13.8	13.6	12.3
OTHER FRUITS AND NUTS	7.6	6.4	6.9
HORTICULTURAL SPECIALTIES	3.5	4.0	3.5
GENERAL FARM PRIMARILY CROP	21.8	22.2	20.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.0	13.9	13.7
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.5	1.5	1.5
DAIRY FARMS	8.4	8.5	8.2
POULTRY & EGGS	2.4	2.3	2.4
OTHER LIVESTOCK	1.4	1.3	1.3
TOTAL AGRICULTURAL SERVICES	87.3	87.9	84.5
CROP SERVICES	24.5	24.5	24.5
PLANT CULTIVATE & PROTECTION	3.3	4.0	3.9
HARVEST PRIMARILY BY MACHINE	4.2	3.5	2.8
PREPARATION SVCS FOR MARKET	16.3	16.3	17.1
COTTON GINNING	0.7	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	62.8	63.4	60.0
FARM LABOR CONTRACTORS	57.9	59.3	55.0
FARM MANAGEMENT SERVICES	4.9	4.1	5.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	185.5	189.7	173.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	89.2	92.3	81.1
TOTAL FIELD CROPS	11.9	11.1	11.1
COTTON	7.2	6.5	7.2
OTHER FIELD CROPS	4.7	4.6	3.9
VEGETABLES AND MELONS	4.9	5.1	6.2
TOTAL FRUITS AND TREE NUTS	48.7	51.4	42.4
GRAPES	20.5	24.0	18.4
TREE NUTS	3.7	4.2	3.7
CITRUS FRUITS	4.0	4.1	2.0
DECIDUOUS TREE FRUIT	13.2	13.0	11.6
OTHER FRUITS AND NUTS	7.3	6.1	6.7
HORTICULTURAL SPECIALTIES	3.1	3.6	3.1
GENERAL FARM PRIMARILY CROP	20.6	21.1	18.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.5	12.6	12.6
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.3	1.3
DAIRY FARMS	7.8	7.9	7.7
POULTRY & EGGS	2.1	2.0	2.1
OTHER LIVESTOCK	1.2	1.2	1.3
TOTAL AGRICULTURAL SERVICES	83.8	84.8	79.9
CROP SERVICES	22.0	22.2	21.0
PLANT CULTIVATE & PROTECTION	2.7	3.6	3.1
HARVEST PRIMARILY BY MACHINE	4.0	3.2	2.5
PREPARATION SVCS FOR MARKET	14.8	14.9	14.9
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	61.8	62.6	58.9
FARM LABOR CONTRACTORS	57.3	58.8	54.4
FARM MANAGEMENT SERVICES	4.5	3.8	4.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	258.55	267.09	243.82
TOTAL AGRICULTURAL PRODUCTION/CROPS	260.63	269.08	246.82
TOTAL FIELD CROPS	301.94	284.43	318.78
COTTON	311.15	291.35	318.53
OTHER FIELD CROPS	287.27	274.83	318.80
VEGETABLES AND MELONS	326.46	253.16	236.44
TOTAL FRUITS AND TREE NUTS	247.78	267.80	229.04
GRAPES	242.41	260.23	252.07
TREE NUTS	280.43	280.37	246.04
CITRUS FRUITS	316.41	356.62	249.26
DECIDUOUS TREE FRUIT	239.01	268.32	198.53
OTHER FRUITS AND NUTS	224.83	229.49	203.24
HORTICULTURAL SPECIALTIES	306.36	365.02	309.74
GENERAL FARM PRIMARILY CROP	244.54	252.32	236.50
TOTAL AGRIC PRODUCTION/LIVESTOCK	353.79	343.21	357.94
BEEF CATTLE FEED LOTS	453.85	385.12	380.96
BEEF CATTLE EXCEPT FEED LOTS	345.31	356.56	365.21
DAIRY FARMS	364.52	349.32	373.75
POULTRY & EGGS	336.53	331.94	295.17
OTHER LIVESTOCK	304.83	301.39	351.06
TOTAL AGRICULTURAL SERVICES	242.77	253.01	222.91
CROP SERVICES	267.18	262.28	236.79
PLANT CULTIVATE & PROTECTION	309.15	286.65	327.52
HARVEST PRIMARILY BY MACHINE	263.58	252.15	302.67
PREPARATION SVCS FOR MARKET	259.19	257.71	204.79
COTTON GINNING	308.59	285.94	297.28
TOTAL FARM LABOR & MANAGEMENT	233.99	249.40	218.29
FARM LABOR CONTRACTORS	229.43	245.71	212.16
FARM MANAGEMENT SERVICES	291.52	306.82	292.91

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	44.5	45.5	42.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.4	45.3	43.0
TOTAL FIELD CROPS	48.7	46.4	49.5
COTTON	49.0	46.1	47.4
OTHER FIELD CROPS	48.2	46.9	53.4
VEGETABLES AND MELONS	54.5	43.8	46.0
TOTAL FRUITS AND TREE NUTS	42.5	45.7	40.9
GRAPES	40.2	43.3	44.3
TREE NUTS	46.2	47.2	40.4
CITRUS FRUITS	46.6	49.6	41.2
DECIDUOUS TREE FRUIT	45.7	51.7	38.4
OTHER FRUITS AND NUTS	39.1	38.7	36.1
HORTICULTURAL SPECIALTIES	41.4	43.3	41.8
GENERAL FARM PRIMARILY CROP	44.3	44.5	43.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.9	49.1	51.8
BEEF CATTLE FEED LOTS	62.6	58.0	58.7
BEEF CATTLE EXCEPT FEED LOTS	49.9	51.6	52.7
DAIRY FARMS	52.0	50.7	53.7
POULTRY & EGGS	45.6	45.1	43.6
OTHER LIVESTOCK	41.7	41.4	51.1
TOTAL AGRICULTURAL SERVICES	43.9	45.1	40.9
CROP SERVICES	43.8	42.1	39.4
PLANT CULTIVATE & PROTECTION	45.8	43.3	44.5
HARVEST PRIMARILY BY MACHINE	46.9	43.4	49.7
PREPARATION SVCS FOR MARKET	42.7	41.7	36.7
COTTON GINNING	42.8	36.8	37.3
TOTAL FARM LABOR & MANAGEMENT	43.9	46.1	41.5
FARM LABOR CONTRACTORS	43.7	46.1	40.8
FARM MANAGEMENT SERVICES	46.2	46.7	49.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	5.81	5.87	5.71
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.87	5.94	5.74
TOTAL FIELD CROPS	6.20	6.13	6.44
COTTON	6.35	6.32	6.72
OTHER FIELD CROPS	5.96	5.86	5.97
VEGETABLES AND MELONS	5.99	5.78	5.14
TOTAL FRUITS AND TREE NUTS	5.83	5.86	5.60
GRAPES	6.03	6.01	5.69
TREE NUTS	6.07	5.94	6.09
CITRUS FRUITS	6.79	7.19	6.05
DECIDUOUS TREE FRUIT	5.23	5.19	5.17
OTHER FRUITS AND NUTS	5.75	5.93	5.63
HORTICULTURAL SPECIALTIES	7.40	8.43	7.41
GENERAL FARM PRIMARILY CROP	5.52	5.67	5.50
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.09	6.99	6.91
BEEF CATTLE FEED LOTS	7.25	6.64	6.49
BEEF CATTLE EXCEPT FEED LOTS	6.92	6.91	6.93
DAIRY FARMS	7.01	6.89	6.96
POULTRY & EGGS	7.38	7.36	6.77
OTHER LIVESTOCK	7.31	7.28	6.87
TOTAL AGRICULTURAL SERVICES	5.53	5.61	5.45
CROP SERVICES	6.10	6.23	6.01
PLANT CULTIVATE & PROTECTION	6.75	6.62	7.36
HARVEST PRIMARILY BY MACHINE	5.62	5.81	6.09
PREPARATION SVCS FOR MARKET	6.07	6.18	5.58
COTTON GINNING	7.21	7.77	7.97
TOTAL FARM LABOR & MANAGEMENT	5.33	5.41	5.26
FARM LABOR CONTRACTORS	5.25	5.33	5.20
FARM MANAGEMENT SERVICES	6.31	6.57	5.87

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	70.6	77.6	66.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	51.7	57.9	49.0
VEGETABLES AND MELONS	9.4	9.6	9.4
TOTAL FRUITS AND TREE NUTS	23.3	28.9	20.1
BERRIES	18.4	24.2	15.4
GRAPES	0.9	0.7	0.8
CITRUS FRUITS	2.0	1.9	1.9
OTHER FRUITS AND NUTS	2.0	2.1	2.0
TOTAL HORTICULTURAL SPECIALTIES	15.4	15.7	15.5
ORNAMENTAL FLORAL & NURSERY	14.5	14.8	14.7
FOOD CROPS GROWN UNDER COVER	0.9	0.9	0.8
GENERAL FARM PRIMARILY CROP	3.6	3.7	4.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.2	2.5
TOTAL AGRICULTURAL SERVICES	16.7	17.5	15.4
CROP SERVICES	5.2	5.2	5.0
HARVEST PRIMARILY BY MACHINE	2.9	2.8	2.3
PREPARATION SVCS FOR MARKET	2.3	2.4	2.7
TOTAL FARM LABOR & MANAGEMENT	11.5	12.3	10.4
FARM LABOR CONTRACTORS	10.1	10.9	8.5
FARM MANAGEMENT SERVICES	1.4	1.4	1.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 SOUTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	64.6	71.3	60.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.1	53.1	44.3
VEGETABLES AND MELONS	8.7	8.9	8.4
TOTAL FRUITS AND TREE NUTS	22.5	28.0	19.4
BERRIES	18.1	23.8	15.1
GRAPES	0.8	0.6	0.7
CITRUS FRUITS	1.7	1.6	1.7
OTHER FRUITS AND NUTS	1.9	2.0	1.9
TOTAL HORTICULTURAL SPECIALTIES	12.6	12.9	12.8
ORNAMENTAL FLORAL & NURSERY	11.9	12.2	12.1
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	3.3	3.3	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.7	2.0
TOTAL AGRICULTURAL SERVICES	15.9	16.5	14.5
CROP SERVICES	4.9	4.7	4.6
HARVEST PRIMARILY BY MACHINE	2.8	2.6	2.2
PREPARATION SVCS FOR MARKET	2.1	2.1	2.4
TOTAL FARM LABOR & MANAGEMENT	11.0	11.8	9.9
FARM LABOR CONTRACTORS	9.8	10.6	8.2
FARM MANAGEMENT SERVICES	1.2	1.2	1.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	260.26	260.84	262.11
TOTAL AGRICULTURAL PRODUCTION/CROPS	248.30	247.76	257.26
VEGETABLES AND MELONS	268.55	291.72	291.92
TOTAL FRUITS AND TREE NUTS	206.33	206.40	215.02
BERRIES	186.68	191.96	194.83
GRAPES	268.58	282.10	259.69
CITRUS FRUITS	320.02	304.18	312.34
OTHER FRUITS AND NUTS	271.65	272.22	275.22
TOTAL HORTICULTURAL SPECIALTIES	296.06	297.62	288.14
ORNAMENTAL FLORAL & NURSERY	295.10	294.93	288.11
FOOD CROPS GROWN UNDER COVER	316.36	355.24	285.12
GENERAL FARM PRIMARILY CROP	299.01	277.38	288.81
TOTAL AGRIC PRODUCTION/LIVESTOCK	314.02	317.84	296.76
TOTAL AGRICULTURAL SERVICES	291.56	298.33	271.86
CROP SERVICES	306.54	321.60	300.23
HARVEST PRIMARILY BY MACHINE	280.11	301.86	318.79
PREPARATION SVCS FOR MARKET	341.92	346.09	284.06
TOTAL FARM LABOR & MANAGEMENT	284.80	289.46	258.46
FARM LABOR CONTRACTORS	280.32	289.78	257.28
FARM MANAGEMENT SERVICES	319.57	281.45	263.81

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	38.5	38.7	40.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.2	38.0	40.9
VEGETABLES AND MELONS	41.7	42.9	44.5
TOTAL FRUITS AND TREE NUTS	31.5	32.2	35.6
BERRIES	28.2	29.9	32.8
GRAPES	43.6	45.5	37.8
CITRUS FRUITS	47.2	45.4	46.0
OTHER FRUITS AND NUTS	44.9	44.7	48.2
TOTAL HORTICULTURAL SPECIALTIES	45.9	46.0	46.4
ORNAMENTAL FLORAL & NURSERY	46.4	46.3	47.0
FOOD CROPS GROWN UNDER COVER	38.3	41.5	35.2
GENERAL FARM PRIMARILY CROP	45.1	41.4	41.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	39.8	43.9	45.1
TOTAL AGRICULTURAL SERVICES	39.4	40.7	39.4
CROP SERVICES	39.1	40.1	39.4
HARVEST PRIMARILY BY MACHINE	37.1	38.7	40.2
PREPARATION SVCS FOR MARKET	41.8	41.9	38.7
TOTAL FARM LABOR & MANAGEMENT	39.5	41.0	39.4
FARM LABOR CONTRACTORS	38.4	40.7	39.1
FARM MANAGEMENT SERVICES	48.2	43.3	40.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	6.76	6.74	6.44
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.50	6.52	6.29
VEGETABLES AND MELONS	6.44	6.80	6.56
TOTAL FRUITS AND TREE NUTS	6.55	6.41	6.04
BERRIES	6.62	6.42	5.94
GRAPES	6.16	6.20	6.87
CITRUS FRUITS	6.78	6.70	6.79
OTHER FRUITS AND NUTS	6.05	6.09	5.71
TOTAL HORTICULTURAL SPECIALTIES	6.45	6.47	6.21
ORNAMENTAL FLORAL & NURSERY	6.36	6.37	6.13
FOOD CROPS GROWN UNDER COVER	8.26	8.56	8.10
GENERAL FARM PRIMARILY CROP	6.63	6.70	7.01
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.89	7.24	6.58
TOTAL AGRICULTURAL SERVICES	7.40	7.33	6.90
CROP SERVICES	7.84	8.02	7.62
HARVEST PRIMARILY BY MACHINE	7.55	7.80	7.93
PREPARATION SVCS FOR MARKET	8.18	8.26	7.34
TOTAL FARM LABOR & MANAGEMENT	7.21	7.06	6.56
FARM LABOR CONTRACTORS	7.30	7.12	6.58
FARM MANAGEMENT SERVICES	6.63	6.50	6.45

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	72.1	66.8	64.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.5	41.7	40.7
VEGETABLES AND MELONS	13.9	12.9	13.1
TOTAL FRUITS AND TREE NUTS	18.9	14.9	13.9
BERRIES	15.2	12.1	10.6
GRAPES	0.8	0.9	0.9
DECIDUOUS TREE FRUIT	1.9	1.0	1.5
OTHER FRUITS AND NUTS	1.0	0.9	0.9
TOTAL HORTICULTURAL SPECIALTIES	9.6	9.8	9.8
ORNAMENTAL FLORAL & NURSERY	7.4	7.7	7.7
FOOD CROPS GROWN UNDER COVER	2.2	2.1	2.1
GENERAL FARM PRIMARILY CROP	4.1	4.1	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	24.5	24.0	22.6
CROP SERVICES	16.7	15.3	12.9
HARVEST PRIMARILY BY MACHINE	4.7	4.8	4.0
PREPARATION SVCS FOR MARKET	12.0	10.5	8.9
TOTAL FARM LABOR & MANAGEMENT	7.8	8.7	9.7
FARM LABOR CONTRACTORS	6.9	7.8	9.1
FARM MANAGEMENT SERVICES	0.9	0.9	0.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	67.1	61.9	59.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.9	38.3	36.9
VEGETABLES AND MELONS	12.7	11.8	11.9
TOTAL FRUITS AND TREE NUTS	18.3	14.4	13.3
BERRIES	15.0	11.9	10.4
GRAPES	0.7	0.8	0.7
DECIDUOUS TREE FRUIT	1.7	0.9	1.4
OTHER FRUITS AND NUTS	0.9	0.8	0.8
TOTAL HORTICULTURAL SPECIALTIES	8.0	8.2	8.0
ORNAMENTAL FLORAL & NURSERY	6.1	6.3	6.1
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	3.9	3.9	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.9	0.9	1.0
TOTAL AGRICULTURAL SERVICES	23.3	22.7	21.3
CROP SERVICES	15.6	14.2	11.8
HARVEST PRIMARILY BY MACHINE	4.4	4.4	3.7
PREPARATION SVCS FOR MARKET	11.2	9.8	8.1
TOTAL FARM LABOR & MANAGEMENT	7.7	8.5	9.5
FARM LABOR CONTRACTORS	6.9	7.8	9.0
FARM MANAGEMENT SERVICES	0.8	0.7	0.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	318.16	325.84	326.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	323.14	342.98	336.53
VEGETABLES AND MELONS	334.52	343.97	373.74
TOTAL FRUITS AND TREE NUTS	311.55	344.08	299.22
BERRIES	322.18	357.00	311.33
GRAPES	391.52	380.88	323.04
DECIDUOUS TREE FRUIT	220.17	236.70	207.94
OTHER FRUITS AND NUTS	247.68	236.93	277.61
TOTAL HORTICULTURAL SPECIALTIES	352.57	357.42	329.69
ORNAMENTAL FLORAL & NURSERY	347.20	349.04	312.65
FOOD CROPS GROWN UNDER COVER	367.63	386.55	386.68
GENERAL FARM PRIMARILY CROP	277.79	305.53	371.96
TOTAL AGRIC PRODUCTION/LIVESTOCK	357.42	365.16	333.70
TOTAL AGRICULTURAL SERVICES	308.25	295.32	309.06
CROP SERVICES	306.45	303.38	341.54
HARVEST PRIMARILY BY MACHINE	281.44	297.25	289.93
PREPARATION SVCS FOR MARKET	316.59	306.81	364.46
TOTAL FARM LABOR & MANAGEMENT	311.38	280.60	269.10
FARM LABOR CONTRACTORS	301.99	278.69	263.64
FARM MANAGEMENT SERVICES	397.36	300.20	367.20

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	41.0	43.1	44.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.8	46.6	46.1
VEGETABLES AND MELONS	43.5	45.2	48.1
TOTAL FRUITS AND TREE NUTS	40.2	46.0	40.6
BERRIES	41.2	47.6	41.4
GRAPES	47.4	46.0	42.9
DECIDUOUS TREE FRUIT	39.6	40.6	36.1
OTHER FRUITS AND NUTS	32.0	29.0	36.1
TOTAL HORTICULTURAL SPECIALTIES	48.1	48.3	48.2
ORNAMENTAL FLORAL & NURSERY	49.6	49.3	48.7
FOOD CROPS GROWN UNDER COVER	43.2	45.0	46.7
GENERAL FARM PRIMARILY CROP	41.4	49.2	55.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.3	47.3	41.3
TOTAL AGRICULTURAL SERVICES	37.5	37.1	40.4
CROP SERVICES	37.1	37.5	41.6
HARVEST PRIMARILY BY MACHINE	38.5	41.4	41.3
PREPARATION SVCS FOR MARKET	36.6	35.8	41.7
TOTAL FARM LABOR & MANAGEMENT	38.3	36.3	39.0
FARM LABOR CONTRACTORS	37.1	36.1	38.6
FARM MANAGEMENT SERVICES	49.3	38.0	45.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	7.76	7.56	7.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.55	7.36	7.30
VEGETABLES AND MELONS	7.69	7.61	7.77
TOTAL FRUITS AND TREE NUTS	7.75	7.48	7.37
BERRIES	7.82	7.50	7.52
GRAPES	8.26	8.28	7.53
DECIDUOUS TREE FRUIT	5.56	5.83	5.76
OTHER FRUITS AND NUTS	7.74	8.17	7.69
TOTAL HORTICULTURAL SPECIALTIES	7.33	7.40	6.84
ORNAMENTAL FLORAL & NURSERY	7.00	7.08	6.42
FOOD CROPS GROWN UNDER COVER	8.51	8.59	8.28
GENERAL FARM PRIMARILY CROP	6.71	6.21	6.69
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.40	7.72	8.08
TOTAL AGRICULTURAL SERVICES	8.22	7.96	7.65
CROP SERVICES	8.26	8.09	8.21
HARVEST PRIMARILY BY MACHINE	7.31	7.18	7.02
PREPARATION SVCS FOR MARKET	8.65	8.57	8.74
TOTAL FARM LABOR & MANAGEMENT	8.13	7.73	6.90
FARM LABOR CONTRACTORS	8.14	7.72	6.83
FARM MANAGEMENT SERVICES	8.06	7.90	8.16

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	53.2	41.7	45.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.5	16.3	18.9
FIELD CROPS	1.8	1.8	1.8
VEGETABLES AND MELONS	3.2	3.5	3.2
TOTAL FRUITS AND TREE NUTS	11.9	6.2	9.7
GRAPES	7.8	2.9	7.1
CITRUS FRUITS	0.9	0.9	0.7
OTHER FRUITS AND NUTS	3.2	2.4	1.9
HORTICULTURAL SPECIALTIES	1.0	1.0	1.0
GENERAL FARM PRIMARILY CROP	4.6	3.8	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	5.0	5.3
DAIRY FARMS	2.5	2.5	2.5
CHICKEN EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	1.3	1.3	1.5
TOTAL AGRICULTURAL SERVICES	25.7	20.4	21.2
CROP SERVICES	7.3	6.3	9.1
PLANT CULTIVATE & PROTECTION	1.0	1.0	0.9
HARVEST PRIMARILY BY MACHINE	2.3	1.2	2.0
PREPARATION SVCS FOR MARKET	4.0	4.1	6.2
TOTAL FARM LABOR & MANAGEMENT	18.4	14.1	12.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	50.8	39.3	42.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.4	15.3	17.3
FIELD CROPS	1.5	1.6	1.5
VEGETABLES AND MELONS	3.0	3.4	3.1
TOTAL FRUITS AND TREE NUTS	11.6	5.9	9.0
GRAPES	7.6	2.7	6.6
CITRUS FRUITS	0.8	0.9	0.6
OTHER FRUITS AND NUTS	3.2	2.3	1.8
HORTICULTURAL SPECIALTIES	0.9	0.8	0.8
GENERAL FARM PRIMARILY CROP	4.4	3.6	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.3	4.4	4.5
DAIRY FARMS	2.4	2.4	2.4
CHICKEN EGGS	0.8	0.9	0.9
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	25.1	19.6	20.4
CROP SERVICES	6.7	5.7	8.6
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.8
HARVEST PRIMARILY BY MACHINE	2.2	1.1	1.9
PREPARATION SVCS FOR MARKET	3.8	3.9	5.9
TOTAL FARM LABOR & MANAGEMENT	18.4	13.9	11.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	229.50	248.05	256.07
TOTAL AGRICULTURAL PRODUCTION/CROPS	267.33	263.49	266.90
FIELD CROPS	281.47	291.47	311.05
VEGETABLES AND MELONS	281.65	285.01	270.77
TOTAL FRUITS AND TREE NUTS	270.96	236.35	225.55
GRAPES	257.85	227.96	219.45
CITRUS FRUITS	293.91	307.10	252.22
OTHER FRUITS AND NUTS	297.77	219.70	240.19
HORTICULTURAL SPECIALTIES	340.09	353.07	338.07
GENERAL FARM PRIMARILY CROP	227.33	255.36	351.47
TOTAL AGRIC PRODUCTION/LIVESTOCK	417.44	416.56	445.07
DAIRY FARMS	478.63	473.39	542.49
CHICKEN EGGS	302.58	294.15	267.47
OTHER LIVESTOCK	367.88	389.06	385.02
TOTAL AGRICULTURAL SERVICES	165.24	197.82	205.10
CROP SERVICES	245.63	243.76	227.78
PLANT CULTIVATE & PROTECTION	327.63	310.52	261.79
HARVEST PRIMARILY BY MACHINE	212.02	214.85	204.60
PREPARATION SVCS FOR MARKET	250.43	240.34	230.65
TOTAL FARM LABOR & MANAGEMENT	136.03	179.63	188.52

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	33.9	37.3	39.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.2	40.6	41.9
FIELD CROPS	42.2	42.8	52.9
VEGETABLES AND MELONS	47.9	46.8	44.1
TOTAL FRUITS AND TREE NUTS	39.1	36.7	34.7
GRAPES	37.1	36.3	33.2
CITRUS FRUITS	44.6	45.7	36.5
OTHER FRUITS AND NUTS	42.6	33.8	39.7
HORTICULTURAL SPECIALTIES	47.9	48.3	45.5
GENERAL FARM PRIMARILY CROP	35.3	38.4	55.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.6	51.3	52.3
DAIRY FARMS	51.8	50.2	55.3
CHICKEN EGGS	47.5	48.3	45.8
OTHER LIVESTOCK	54.1	55.9	51.2
TOTAL AGRICULTURAL SERVICES	25.5	31.5	35.0
CROP SERVICES	38.5	39.7	37.9
PLANT CULTIVATE & PROTECTION	48.9	45.2	43.2
HARVEST PRIMARILY BY MACHINE	33.6	37.3	33.0
PREPARATION SVCS FOR MARKET	39.5	39.4	38.7
TOTAL FARM LABOR & MANAGEMENT	20.8	28.2	32.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	6.77	6.65	6.45
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.65	6.49	6.37
FIELD CROPS	6.67	6.81	5.88
VEGETABLES AND MELONS	5.88	6.09	6.14
TOTAL FRUITS AND TREE NUTS	6.93	6.44	6.50
GRAPES	6.95	6.28	6.61
CITRUS FRUITS	6.59	6.72	6.91
OTHER FRUITS AND NUTS	6.99	6.50	6.05
HORTICULTURAL SPECIALTIES	7.10	7.31	7.43
GENERAL FARM PRIMARILY CROP	6.44	6.65	6.31
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.09	8.12	8.51
DAIRY FARMS	9.24	9.43	9.81
CHICKEN EGGS	6.37	6.09	5.84
OTHER LIVESTOCK	6.80	6.96	7.52
TOTAL AGRICULTURAL SERVICES	6.48	6.28	5.86
CROP SERVICES	6.38	6.14	6.01
PLANT CULTIVATE & PROTECTION	6.70	6.87	6.06
HARVEST PRIMARILY BY MACHINE	6.31	5.76	6.20
PREPARATION SVCS FOR MARKET	6.34	6.10	5.96
TOTAL FARM LABOR & MANAGEMENT	6.54	6.37	5.73

1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	34.1	33.0	31.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.6	22.1	21.3
RICE	1.3	1.6	1.3
VEGETABLES AND MELONS	3.1	3.0	2.6
TOTAL FRUIT AND TREE NUTS	8.0	7.5	7.1
TREE NUTS	2.0	1.9	1.7
DECIDUOUS TREE FRUIT	3.9	3.7	3.2
OTHER FRUITS AND NUTS	2.1	1.9	2.2
HORTICULTURAL SPECIALTIES	2.3	2.2	2.3
GENERAL FARM PRIMARILY CROP	7.9	7.8	8.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.4	2.4	2.5
TOTAL AGRICULTURAL SERVICES	9.1	8.5	7.8
CROP SERVICES	3.8	3.6	2.6
HARVEST PRIMARILY BY MACHINE	1.9	1.8	1.5
PREPARATION SVCS FOR MARKET	1.9	1.8	1.1
TOTAL FARM LABOR & MANAGEMENT	5.3	4.9	5.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	30.9	29.9	29.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	20.5	20.0	19.7
RICE	1.1	1.4	1.1
VEGETABLES AND MELONS	2.9	2.8	2.5
TOTAL FRUIT AND TREE NUTS	7.2	6.8	6.5
TREE NUTS	1.7	1.6	1.5
DECIDUOUS TREE FRUIT	3.6	3.4	3.0
OTHER FRUITS AND NUTS	1.9	1.8	2.0
HORTICULTURAL SPECIALTIES	2.0	1.8	2.1
GENERAL FARM PRIMARILY CROP	7.3	7.2	7.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.1	2.3
TOTAL AGRICULTURAL SERVICES	8.3	7.8	7.1
CROP SERVICES	3.1	3.1	2.2
HARVEST PRIMARILY BY MACHINE	1.5	1.6	1.3
PREPARATION SVCS FOR MARKET	1.6	1.5	0.9
TOTAL FARM LABOR & MANAGEMENT	5.2	4.7	4.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C.
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	288.99	304.18	284.21
TOTAL AGRICULTURAL PRODUCTION/CROPS	303.41	304.98	297.73
RICE	310.89	368.82	363.91
VEGETABLES AND MELONS	412.54	414.76	371.41
TOTAL FRUIT AND TREE NUTS	261.66	271.23	266.66
TREE NUTS	282.29	288.80	288.31
DECIDUOUS TREE FRUIT	266.34	264.81	271.98
OTHER FRUITS AND NUTS	233.51	268.00	243.87
HORTICULTURAL SPECIALTIES	257.10	267.62	252.73
GENERAL FARM PRIMARILY CROP	312.75	291.04	303.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	337.53	336.07	356.20
TOTAL AGRICULTURAL SERVICES	241.47	293.02	224.29
CROP SERVICES	350.35	424.93	283.13
HARVEST PRIMARILY BY MACHINE	358.91	534.31	271.61
PREPARATION SVCS FOR MARKET	342.39	312.02	298.91
TOTAL FARM LABOR & MANAGEMENT	178.98	206.16	198.01

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	49.4	49.3	49.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	51.6	51.0	51.6
RICE	48.2	54.0	55.9
VEGETABLES AND MELONS	55.3	56.2	55.6
TOTAL FRUIT AND TREE NUTS	44.5	47.5	46.7
TREE NUTS	45.9	49.2	49.2
DECIDUOUS TREE FRUIT	46.0	47.8	47.3
OTHER FRUITS AND NUTS	40.4	45.5	44.1
HORTICULTURAL SPECIALTIES	44.1	43.8	43.8
GENERAL FARM PRIMARILY CROP	59.8	53.5	56.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.3	47.4	52.0
TOTAL AGRICULTURAL SERVICES	44.8	45.5	43.3
CROP SERVICES	56.6	54.2	45.3
HARVEST PRIMARILY BY MACHINE	56.7	59.9	44.6
PREPARATION SVCS FOR MARKET	56.5	48.3	46.2
TOTAL FARM LABOR & MANAGEMENT	38.0	39.8	42.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E¹
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	5.85	6.17	5.73
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.88	5.98	5.77
RICE	6.45	6.83	6.51
VEGETABLES AND MELONS	7.46	7.38	6.68
TOTAL FRUIT AND TREE NUTS	5.88	5.71	5.71
TREE NUTS	6.15	5.87	5.86
DECIDUOUS TREE FRUIT	5.79	5.54	5.75
OTHER FRUITS AND NUTS	5.78	5.89	5.53
HORTICULTURAL SPECIALTIES	5.83	6.11	5.77
GENERAL FARM PRIMARILY CROP	5.23	5.44	5.40
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.29	7.09	6.85
TOTAL AGRICULTURAL SERVICES	5.39	6.44	5.18
CROP SERVICES	6.19	7.84	6.25
HARVEST PRIMARILY BY MACHINE	6.33	8.92	6.09
PREPARATION SVCS FOR MARKET	6.06	6.46	6.47
TOTAL FARM LABOR & MANAGEMENT	4.71	5.18	4.67

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	13.0	12.4	12.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.7	9.1	8.8
TOTAL FRUITS AND TREE NUTS	7.8	7.2	7.1
GRAPES	6.5	6.1	5.9
OTHER FRUITS AND NUTS	1.3	1.1	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.4	1.2
GENERAL FARM PRIMARILY CROP (2)	0.5	0.5	0.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.8	1.9
TOTAL AGRICULTURAL SERVICES	1.4	1.5	1.8

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	10.7	10.2	10.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.8	7.2	7.0
TOTAL FRUITS AND TREE NUTS	6.2	5.7	5.6
GRAPES	5.1	4.7	4.5
OTHER FRUITS AND NUTS	1.1	1.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.1	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.6	1.7
TOTAL AGRICULTURAL SERVICES	1.3	1.4	1.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	323.28	312.61	320.29
TOTAL AGRICULTURAL PRODUCTION/CROPS	322.18	310.18	293.99
TOTAL FRUITS AND TREE NUTS	333.02	320.85	295.65
GRAPES	350.10	336.59	313.66
OTHER FRUITS AND NUTS	255.90	244.11	222.70
TOTAL HORTICULTURAL SPECIALTIES	283.30	276.25	297.14
TOTAL AGRIC PRODUCTION/LIVESTOCK	296.86	292.95	321.43
TOTAL AGRICULTURAL SERVICES	363.13	349.36	430.27

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	44.9	43.6	44.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.5	43.2	41.7
TOTAL FRUITS AND TREE NUTS	44.7	43.3	41.7
GRAPES	45.0	43.6	41.6
OTHER FRUITS AND NUTS	43.3	41.8	42.5
TOTAL HORTICULTURAL SPECIALTIES	41.6	42.5	40.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.6	45.0	47.2
TOTAL AGRICULTURAL SERVICES	46.2	44.0	52.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1992	MAY 1992	JUN 1991
TOTAL AGRICULTURAL	7.20	7.17	7.23
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.24	7.18	7.05
TOTAL FRUITS AND TREE NUTS	7.45	7.41	7.09
GRAPES	7.78	7.72	7.54
OTHER FRUITS AND NUTS	5.91	5.84	5.24
TOTAL HORTICULTURAL SPECIALTIES	6.81	6.50	7.41
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.51	6.51	6.81
TOTAL AGRICULTURAL SERVICES	7.86	7.94	8.18

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.